

INTERNATIONAL SEARCH REPORT

Internat

pplication No

PCT/IB 03/05040

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F21V19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F21V H01R F16B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 276 812 B1 (WILD HANS ET AL) 21 August 2001 (2001-08-21) abstract column 3, line 22 - column 4, line 3 figures 5-7	1, 12, 13
A	EP 0 396 784 A (MUENUER ACIR) 14 November 1990 (1990-11-14) abstract column 1, line 45 - column 2, line 19 figures 1-6	1, 12, 13
A	US 5 160 277 A (OWEN MARVIN L ET AL) 3 November 1992 (1992-11-03) column 3, line 35 - column 4, line 33 figures 1-4	1, 12, 13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search

12 February 2004

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20/02/2004

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information on patent family members

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Application No

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			DE	4108495 A1	10-10-1991
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